TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY INDEX, VOLUMES 181–186

This index includes Memoirs published during the period JULY 1973–DECEMBER 1973

	Vol.	Pages
ALBERTSON, MICHAEL O. and WILF, HERBERT S. Boundary values in the four color problem	181	471–482
BAKER, CHARLES R. Joint measures and cross-covariance operators	186	273–289
——— Zero-one laws for Gaussian measures on Banach space	186	291–308
BAKER, JOHN WARREN. Uncomplemented $C(X)$-subalgebras of $C(X)$	186	1–15
BALDWIN, JOHN T. α_T is finite for $\aleph_1$-categorical T	181	37–51
BALL, B. J. and SHER, R. B. Extending cell-like maps on manifolds	186	229–246
BASENER, RICHARD F. On rationally convex hulls	182	353–381
BATEMAN, J. M., PHILLIPS, RICHARD E. and SONNEBORN, L. M. Wreath products and representations of degree one or two	181	143–153
BAUM, LEONARD E. and STRATTON, H. H. Visitations of ruled sums	182	403–430
BECKER, JOSEPH. Parametrizations of analytic varieties	183	265–292
BERGER, MELVYN S. Critical point theory for nonlinear eigenvalue problems with indefinite principal part	186	151–169
BERKSON EARL and PORTA, HORACIO. Hermitian operators and one-parameter groups of isometries in Hardy spaces	185	331–344
BERNFELD, STEPHEN R. and LAKSHMIKANTHAM, V. Existence of solutions of ordinary differential equations with generalized boundary conditions	182	261–274
BLAIR, DAVID E. LUDDEN, GERALD D. and YANO KENTARO. Differential geometric structures on principal toroidal bundles	181	175–184
BOLLOBÁS, BÉLLA. Adjoining inverses to commutative Banach algebras	181	165–174
BONAMI, ALINE et CLERC, JEAN-LOUIS. Sommes de Cesàro et multiplicateurs des developpements en harmoniques sphériques	183	223–263
BOWEN, R. Erratum to "Entropy for group endomorphisms and homogeneous spaces"	181	509–510
BOWEN, RUFUS. Topological entropy for noncompact sets	184	125–136
BRADLEY, J. S. and EVERITT, W. N. Inequalities associated with regular and singular problems in the calculus of variations	182	303–321
BRANDAL, WILLY. Almost maximal integral domains and finitely generated modules	183	203–222
BRAUDE, ERIC JOHN. Perfect open and distinguishable multivalued maps	182	431–441

	Vol.	Pages
BRICKMAN, L., HALLENBECK, D. J., MACGREGOR, T. H. and WILKEN, D. R. Convex hulls and extreme points of families of starlike and convex mappings	185	413–428
BROWN, KENNETH S. Abstract homotopy theory and generalized sheaf cohomology	186	419–458
BROWN, W. C. A Wedderburn theorem for alternative algebras with identity over commutative rings	182	145–158
BUCHTHAL, DAVID C. On factorized groups	183	423–430
BUCKHOLTZ, J. D. Appell polynomial expansions and biorthogonal expansions in Banach spaces	181	245–272
——— Appell polynomials and differential equations of infinite order	185	463–476
BULLEN, P. S. and LEE, C. M. On the integrals of Perron type	182	481–501
BUNCE, JOHN W. Irreducible representations of the C^*-algebra generated by a quasinormal operator	183	487–494
CAHEN, PAUL-JEAN. Commutative torsion theory	184	73–85
CAHN, ROBERT S. Lattice points and Lie groups. I	183	119–129
——— Lattice points and Lie groups. II	183	131–137
CHAPMAN, T. A. Homeomorphisms of Hilbert cube manifolds	182	227–239
CHING, CHIN-HUNG and CHUI, CHARLES K. Analytic functions characterized by their means on an arc	184	175–183
CHIPMAN, J. C. Subgroups of free products with amalgamated subgroups: A topological approach	181	77 –87
CHOI, S. L. G. On sequences containing at most 3 pairwise coprime integers	183	437–440
CHOKSI, J. R. Measurable transformations on compact groups	184	101–124
CHUI, CHARLES K. and CHING, CHIN-HUNG. Analytic functions characterized by their means on an arc	184	175–183
CLANCEY, KEVIN. Completely seminormal operators with boundary eigenvalues	182	133–143
CLERC, JEAN-LOUIS et BONAMI, ALINE. Sommes de Cesaro et multiplicateurs des développements en harmoniques sphériques	183	223–263
CROFTS, G. W. and SHAW, J. K. Successive remainders of the Newton series	181	369–383
DAS, K. M. and VATSALA, A. S. On Green's function of an n-point boundary value problem	182	469–480
DAVIS, EDWARD D. Overrings of commutative rings. III: Normal pairs	182	175–185
DEDDENS, JAMES A. and WONG, TIN KIN. The commutant of analytic Toeplitz operators	184	261–273

	Vol.	Pages
DEVORE, R. and RICHARDS, F. The degree of approximation by Chebyshevian splines	181	401–418
DICKSON, D. G. Convolution equations and harmonic analysis in spaces of entire functions	184	373–385
DICKSON, LAWRENCE J. Limit properties of Poisson kernels of tube domains	182	383–401
DONALDSON, THOMAS. Harmonic analysis for functors on categories of Banach spaces of distributions	185	1–82
DORNHOFF, LARRY. Some highly homogeneous groups	182	275–301
DUNKL, CHARLES F. and RAMIREZ, DONALD E. Weakly almost periodic functionals on the Fourier algebra	185	501–514
ELLIS, DAVID. Pseudo-differential estimates for linear parabolic operators	184	355–371
ELLIS, ROBERT. The Veech structure theorem	186	203–218
ERICKSON, K. BRUCE. The strong law of large numbers when the mean is undefined	185	371–381
EVERITT, W. N. and BRADLEY, J. S. Inequalities associated with regular and singular problems in the calculus of variations	182	303–321
FENNELL, R. E. and PROCTOR, T. G. Perturbations of nonlinear differential equations	185	401–411
FISCHER, KLAUS G. The module decomposition of $I(\bar{A}/A)$	186	113–128
FISHER, JOE W. and WOLFF, HARVEY. Decomposition theories for abelian categories	182	61–69
FLYTZANIS, ELIAS G, Ergodicity of the cartesian product	186	171–176
FRIEDMAN, AVNER. Wandering out to infinity of diffusion processes	184	185–203
FRIEDMAN, AVNER and PINSKY, MARK A. Asymptotic behavior of solutions of linear stochastic differential systems	181	1–22
——— Asymptotic stability and spiraling properties for solutions of stochastic equations	186	331–358
——— Dirichlet problem for degenerate elliptic equations	186	359–383
FRIEDMAN, SUSAN L. Chebyshev constant and Chebyshev points	186	129–139
GILDENHUYS, DION and RIBES, LUIS. A Kurosh subgroup theorem for free pro-$\mathcal{C}$-products of pro-$\mathcal{C}$-groups	186	309–329
GLASSEY, ROBERT T. On the asymptotic behavior of nonlinear wave equations	182	187–200
GOODEARL, K. R. Triangular representations of splitting rings	185	271–285
GOSSELIN, JOHN. Almost everywhere convergence of Vilenkin-Fourier series	185	345–370

	Vol.	Pages
GOVER, EUGENE H. Multiplicative structure of generalized Koszul complexes	185	287–307
GREENFIELD, STEPHEN J. and WALLACH, NOLAN R. Remarks on global hypoellipticity	183	153–164
GRIESS, ROBERT L., JR. Schur multipliers of finite simple groups of Lie type	183	355–421
HALLENBECK, D. J., MACGREGOR, T. H., WILKEN, D. R. and BRICKMAN, L. Convex hulls and extreme points of families of starlike and convex mappings	185	413–428
HARDT, ROBERT M. Slicing and intersection theory for chains modulo ν associated with real analytic varieties	183	327–340
HARTZMAN, CARL S. Denjoy-type flows on orientable 2-manifolds of higher genus	186	219–227
HAUSEN, JUTTA. The automorphism group of an abelian p-group and its normal p-subgroups	182	159–164
HAY, LOUISE. Discrete ω-sequences of index sets	183	293–311
HAYASHIDA, KAZUNARI. On the singular boundary value problem for elliptic equations	184	205–221
HELTON, JON C. Existence of sum and product integrals	182	165–174
HENGARTNER, W. and SCHOBER, G. Extreme points for some classes of univalent functions	185	265–270
HENSON, C. WARD and MOORE, L. C., JR. Erratum to "The non-standard theory of topological vector spaces"	184	509
HERRERO, DOMINGO A. and LAMBERT, ALAN. On strictly cyclic algebras, $\mathcal{P}$-algebras and reflexive operators	185	229–235
HILL, PAUL. New criteria for freeness in abelian groups	182	201–209
HINKLE, C. V. JR., Generalized semigroups of quotients	183	87–117
HIRSBERG, B. and LAZAR, A. J. Complex Lindenstrauss spaces with extreme points	186	141–150
HIVELY, GREGORY A. The representation of norm-continuous multipliers on L^∞-spaces	184	343–353
HO, CHUNG-WU. On certain homotopy properties of some spaces of linear and piecewise linear homeomorphisms. I	181	213–233
——— On certain homotopy properties of some spaces of linear and piecewise linear homeomorphisms. II	181	235–243
HO, SIU-MING. On the isotropic group of a homogeneous polynomial	183	495–498
HOLLAND, F. and TWOMEY, J. B. On coefficient means of certain subclasses of univalent functions	185	151–163
HOLMES, RICHARD B. Smoothness of certain metric projections on Hilbert space	184	87–100

	Vol.	Pages
HUGHES, CARL C. and STRUBLE, RAIMOND A. Neocontinuous Mikusiński operators	185	383–400
JAMES, DAVID A. Functions automorphic on large domains	181	385–400
JOHNSON, LEE W. Upper bounds for vertex degrees of planar 5-chromatic graphs	181	53–59
KATZ, JEROME M. Isomorphisms of the lattice of inner ideals of certain quadratic Jordan algebras	185	309–329
KHATRI, D. C. Relative projectivity, the radical and complete reducibility in modular group algebras	186	51–63
KIRK, R. B. Complete topologies on spaces of Baire measure	184	1–29
KLEIN, ABEL. Quadratic expressions in a free Boson field	181	439–456
KOCHMAN, STANLEY O. Homology of the classical groups over the Dyer-Lashof algebra	185	83–136
KOHN, J. J. Global regularity for $\bar{\partial}$ on weakly pseudo-convex manifolds	181	273–292
KOHN, M. J. Generalized Laplacians and multiple trigonometric series	181	419–428
KOTLOW, DANIEL B. A free boundary problem connected with the optimal stopping problem for diffusion processes	184	457–478
KRAKOWSKI D. and REGEV, A. The polynomial identities of the Grassmann algebra	181	429–438
KRAMER, RICHARD J. The Cauchy problem for Douglis-Nirenberg elliptic systems of partial differential equations	182	211–225
KUELBS, J. Fourier analysis on linear metric spaces	181	293–311
KUELBS, J. and LEPAGE, R. The law of the iterated logarithm for Brownian motion in a Banach space	185	253–264
KURTZ, THOMAS G. Convergence of sequences of semigroups of nonlinear operators with an application to gas kinetics	186	259–272
LACOMBA, ERNESTO A. Mechanical systems with symmetry on homogeneous spaces	185	477–491
LADNER, RICHARD E. A completely mitotic nonrecursive r.e. degree	184	479–507
LAHR, CHARLES DWIGHT. Multipliers for certain convolution measure algebras	185	165–181
LAKSHMIKANTHAM, V. and BERNFELD, STEPHEN R. Existence of solutions of ordinary differential equations with generalized boundary conditions	182	261–274
LAMBERT, ALAN and HERRERO, DOMINGO A. On strictly cyclic algebras, $\mathcal{P}$-algebras and reflexive operators	185	229–235

	Vol.	Pages
LAMPE, WILLIAM A. On the congruence lattice characterization theorem	182	43–60
LANDMAN, ALAN. On the Picard-Lefschetz transformation for algebraic manifolds acquiring general singularities	181	89–126
LASOTA, A. and YORKE, JAMES A. On the existence of invariant measures for piecewise monotonic transformations	186	481–488
LATCH, DANA MAY. On derived functors of limit	181	155–163
LAZAR, A. J. and HIRSBERG, B. Complex Lindenstrauss spaces with extreme points	186	141–150
LAZAROV, CONNOR and WASSERMAN, ARTHUR. Complex actions of Lie groups	Memoir No. 137	
LEE, C. M. and BULLEN, P. S. On the integrals of Perron type	182	481–501
LEEMAN, GEORGE B. JR. The constrained coefficient problem for typically real functions	186	177–189
LEPAGE R. and KUELBS, J. The law of the iterated logarithm for Brownian motion in a Banach space	185	253–264
LEPOWSKY, JAMES and WALLACH, NOLAN R. Finite- and infinite-dimensional representations of linear semisimple groups	184	223–246
LERON, URI. Multilinear identities of the matrix ring	183	175–202
LEVINE, HAROLD I. and SHUB, MICHAEL. Stability of foliations	184	419–437
LEWOWICZ, JORGE. Stability properties of a class of attractors	185	183–198
LOOS, OTTMAR. Representations of Jordan triples	185	199–211
LOVELADY, DAVID LOWELL. A fixed point theorem, a perturbed differential equation, and a multivariable Volterra integral equation	182	71–83
LUCKE, JAMES B. and WARNER, SETH. Structure theorems for certain topological rings	186	65–90
LUDDEN, GERALD D., YANO, KENTARO and BLAIR, DAVID E. Differential geometric structures on principal toroidal bundles	181	175–184
LUNDELL, ALBERT T. Torsion in K-theory and the Bott maps	183	59–85
MACGREGOR, THOMAS H. Hull subordination and extremal problems for starlike and spirallike mappings	183	499–510
MACGREGOR, T. H., WILKEN, D. R., HALLENBECK, D. J. and BRICKMAN, L. Convex hulls and extreme points of families of starlike and convex mappings	185	413–428
MCALISTER, D. B. Inverse semigroups which are separated over a subsemigroup	182	85–117
MCLAUGHLIN, JAMES R. Absolute convergence of series of Fourier coefficients	184	291–316
MCPHERSON, JAMES M. The calculation of penetration indices for exceptional wild arcs	185	137–149

	Vol.	Pages
MACHADO, SILVIO and PROLLA, JOÃO B. Weighted Grothendieck subspaces	186	247–258
MANDELBAUM, RICHARD. Branched structures and affine and projective bundles on Riemann surfaces	183	37–58
MARTINEZ, JORGE. Archimedean-like classes of lattice-ordered groups	186	33–49
MASERICK, P. H. Moment and BV-functions on commutative semigroups	181	61–75
MAYNARD, HUGH B. A geometrical characterization of Banach spaces having the Radon-Nikodym property	185	493–500
MOORE, CALVIN C. and WOLF, JOSEPH A. Square integrable representations of nilpotent groups	185	445–462
MOORE, L. C., JR. and HENSON, C. WARD. Erratum to "The nonstandard theory of topological vector spaces"	184	509
MORENO, CARLOS JULIO. The values of exponential polynomials at algebraic points. I	186	17–31
MUENZENBERGER, T. B. and SMITHSON, R. E. Fixed point structure	184	153–173
MUKHERJEA, A., TSERPES, N. A. and SUN, T. C. On recurrent random walks on semigroups	185	213–227
NEWMAN, MORRIS. Symmetric completions and products of symmetric matrices	186	191–201
NUNNALLY, ELLARD. The geometry of convex metric spaces. I: A metric characterization of cells	184	317–325
OGAWA, ROY H. On the points of Weierstrass in dimensions greater than one	184	401–417
PALKA, BRUCE. On the uniform convergence of quasiconformal mappings	184	137–152
PASCHKE, WILLIAM L. Inner product modules over B^*-algebras	182	443–468
PATHAK, PRAMOD K. and QUALLS, CLIFFORD. A law of iterated logarithm for stationary Gaussian processes	181	185–193
PAZIRANDEH, MOHSEN. Invariant differential operators on a real semisimple Lie algebra and their radial components	182	119–131
PERIN, DAVID. Finite groups with nicely supplemented Sylow normalizers	183	431–435
PETRYSHYN, W. V. Fixed point theorems for various classes of 1-set-contractive and 1-ball-contractive mappings in Banach spaces	182	323–352
PHILLIPS, RICHARD E., SONNEBORN, L. M. and BATEMAN, J. M. Wreath products and representations of degree one or two	181	143–153
PICKEL, P. F. Nilpotent-by-finite groups with isomorphic finite quotients	183	313–325

	Vol.	Pages
PINSKY, MARK A. and FRIEDMAN, AVNER. Asymptotic behavior of solutions of linear stochastic differential systems	181	1–22
——— Asymptotic stability and spiraling properties of solutions of stochastic equations	186	331–358
——— Dirichlet problem for degenerate elliptic equations	186	359–383
PITTENGER, A. O. and SHIH, C. T. Coterminal families and the strong Markov property	182	1–42
PORTA, HORACIO and BERKSON, EARL. Hermitian operators and one-parameter groups of isometries in Hardy spaces	185	331–344
PREKOWITZ, BRUCE. Intersections of quasi-local domains	181	329–339
PROCTOR, T. G. and FENNELL, R. E. Perturbations of nonlinear differential equations	185	401–411
PROLLA, JOÃO B. and MACHADO, SILVIO. Weighted Grothendieck subspaces	186	247–258
PUGH, CHARLES C. On arbitrary sequences of isomorphisms $R^m \to R^m$	184	387–400
PURDY, G. B. The lattice triple packing of spheres in Euclidean space	181	457–470
QUALLS, CLIFFORD and PATHAK, PRAMOD K. A law of iterated logarithm for stationary Gaussian processes	181	185–193
RACINE, MICHEL L. The arithmetics of quadratic Jordan algebras	Memoir No. 136	
RAMIREZ, DONALD E. and DUNKL, CHARLES F. Weakly almost periodic functionals on the Fourier algebra	185	501–514
REDDY, A. R. Addendum to "Converse theorems and extensions in Chebyshev rational approximation to certain entire functions in $[0, +\infty)$"	186	499–502
REGEV, A. and KRAKOWSKI, D. The polynomial identities of the Grassmann algebra	181	429–438
RENEKE, JAMES A. Product integral solutions for hereditary systems	181	483–493
RIBES, LUIS and GILDENHUYS, DION. A Kurosh subgroup theorem for free pro-$\mathcal{C}$-products of pro-$\mathcal{C}$-groups	186	309–329
RICHARDS, F. and DEVORE, R. The degree of approximation by Chebyshevian splines	181	401–418
RIDER, DANIEL. Central idempotent measures on compact groups	186	459–479
RITTER, GERHARD X. Free Z_8 actions on S^3	181	195–212
ROSENBERGER, B. Universal generators for varieties of nuclear spaces	184	275–290
ROTHMAN, S. and SUBRAMANIAN, P. K. Two-norm spaces and decompositions of Banach spaces. II	181	313–327
RUELLE, DAVID. Statistical mechanics on a compact set with $\mathbf{Z}^\nu$ action satisfying expansiveness and specification	185	237–251
SAARI, DONALD G. Improbability of collisions in Newtonian gravitational systems. II	181	351–368

	Vols	Pages
SATO, HIROKI. The periods of Eichler integrals for Kleinian groups ..	184	439–456
SCHOBER, G. and HENGARTNER, W. Extreme points for some classes of univalent functions	185	265–270
SEIF, JOSEPH B. On the Green's function for the biharmonic equation in an infinite wedge	182	241–260
SEITZ, GARY M. Solvable groups having system normalizers of prime order	183	165–173
SHAPIRO, HAROLD S. Regularity properties of the element of closest approximation	181	127–142
SHARIR, M. Extremal structure in operator spaces	186	91–111
SHAW, J. K. and CROFTS, G. W. Successive remainders of the Newton series	181	369–383
SHER, R. B. and BALL, B. J. Extending cell-like maps on manifolds ..	186	229–246
SHIH, C. T. and PITTENGER, A. O. Coterminal families and the strong Markov property	182	1–42
SHIN, GOOYONG. Prime ideals and sheaf representation of a pseudo symmetric ring	184	43–60
SHIRLEY, JAMES. Restricting a Schauder basis to a set of positive measure	184	61–71
SHUB, MICHAEL and LEVINE, HAROLD I. Stability of foliations	184	419–437
SIGRIST, FRANÇOIS and SUTER, ULRICH. Cross-sections of symplectic Stiefel manifolds	184	247–259
SITARAMAYYA, MALLADI. Curvature tensors in Kaehler manifolds	183	341–353
SMITH, BRIAN J. Products of decompositions of E^n	184	31–41
SMITHSON, R. E. and MUENZENBERGER, T. B. Fixed point structures	184	153–173
SONNEBORN, L. M., BATEMAN, J. M. and PHILLIPS, RICHARD E. Wreath products and representations of degree one or two	181	143–153
STANOJEVIC, C. V. Mielnik's probability spaces and characterization of inner product spaces	183	441–448
STRATTON, H. H. and BAUM, LEONARD E. Visitations of ruled sums	182	403–430
STRUBLE, RAIMOND A. and HUGHES, CARL C. Neocontinuous Mikusiński operators	185	383–400
SUBRAMANIAN, P. K. and ROTHMAN, S. Two-norm spaces and decompositions of Banach spaces. II	181	313–327
SUN, T. C., MUKHERJEA, A. and TSERPES, N. A. On recurrent random walks on semigroups	185	213–227
SUTER, ULRICH and SIGRIST, FRANÇOIS. Cross-sections of sympletic Stiefel manifolds	184	247–259
TERRAS, AUDREY A. Bessel series expansions of the Epstein zeta function and the functional equation	183	477–486

	Vol.	Pages
THORNTON, M. C. Topological spaces and lattices of lower semicontinuous functions	181	495–506
TOLLEFSON, JEFFREY L. Involutions on $S^1 \times S^2$ and other 3-manifolds	183	139–152
TSERPES, N. A., SUN, T. C. and MUKHERJEA, A. On recurrent random walks on semigroups	185	213–227
TURNER, EDWARD C. Diffeomorphisms homotopic to the identity	186	489–498
TWOMEY, J. B. and HOLLAND, F. On coefficient means of certain subclasses of univalent functions	185	151–163
UHL, J. J. JR. Erratum to "Martingales of strongly measurable Pettis integrable functions"	181	507
VAN OSDOL, DONOVAN H. Bicohomology theory	183	449–476
VATSALA, A. S. and DAS, K. M. On Green's function of an n-point boundary value problem	182	469–480
WALLACH, NOLAN R. and GREENFIELD, STEPHEN J. Remarks on global hypoellipticity	184	153–164
WALLACH, NOLAN R. and LEPOWSKY, JAMES. Finite- and infinite-dimensional representations of linear semisimple groups	184	223–246
WANG, PYNG. Decomposition theorems of Riemannian manifolds	184	327–341
WARNE, R. J. On the structure of semigroups which are unions of groups	186	385–401
WARNER, SETH and LUCKE, JAMES B. Structure theorems for certain topological rings	186	65–90
WASSERMAN, ARTHUR and LAZAROV, CONNOR Complex actions of Lie groups	Memoir No. 137	
WAVRIK, JOHN J. Deforming cohomology classes	181	341–350
WICKE, H. H. and WORRELL, J. M. JR. Perfect mappings and certain interior images of M-spaces	181	23–35
WILF, HERBERT S. and ALBERTSON, MICHAEL O. Boundary values in the four color problem	181	471–482
WILKEN, D. R., BRICKMAN, L., HALLENBECK, D. J. and MACGREGOR, T. H. Convex hulls and extreme points of families of starlike and convex mappings	185	413–428
WOLF, JOSEPH A. and MOORE, CALVIN C. Square integrable representations of nilpotent groups	185	445–462
WOLFF HARVEY and FISHER, JOE W. Decomposition theories for abelian categories	182	61–69
WONG, TIN KIN and DEDDENS, JAMES A. The commutant of analytic Toeplitz operators	184	261–273

	Vol.	Pages
WOODRUFF, EDYTHE P. Conditions under which disks are P-liftable	186	403–418
WORRELL, J. M., JR. and WICKE, H. H. Perfect mappings and certain interior images of M-spaces	181	23–35
YANO, KENTARO, BLAIR, DAVID E. and LUDDEN, GERALD D. Differential geometric structures on principal toroidal bundles	181	175–184
YORKE, JAMES A. and LASOTA, A. On the existence of invariant measures for piecewise monotonic transformations	186	481–488
YOUNG, H. PEYTON. Existence theorems for matroid designs	183	1–35
YU, CHUNG-LING. Cauchy problem and analytic continuation for systems of first order elliptic equations with analytic coefficients	185	429–443
ZAPATA, GUIDO. Bernstein approximation problem for differentiable functions and quasi-analytic weights	182	503–509